

Title (en)
SUB-PICTURE BITSTREAM EXTRACTION AND REPOSITION

Title (de)
EXTRAKTION UND NEUPOSITIONIERUNG VON TEILBILD-BITSTRÖMEN

Title (fr)
EXTRACTION ET REPOSITIONNEMENT DE TRAIN DE BITS DE SOUS-IMAGE

Publication
EP 3939318 A1 20220119 (EN)

Application
EP 20717427 A 20200311

Priority

- US 201962816703 P 20190311
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Abstract (en)
[origin: WO2020185878A1] Systems and methods described herein employ a high-level syntax design that supports a sub-picture extraction and reposition process. An input video may be encoded into multiple representations, each representation may be represented as a layer. A layer picture may be partitioned into multiple sub-pictures. Each sub-picture may have its own tile partitioning, resolution, color format and bit depth. Each sub-picture is encoded independently from other sub-pictures of the same layer, but it may be inter-predicted from the corresponding sub-pictures from its dependent layers. Each sub-picture may refer to a sub-picture parameter set where the sub-picture properties such as resolution and coordinate is signaled. Each sub-picture parameter set may refer to a PPS where the resolution of the entire picture is signaled.

IPC 8 full level
H04N 19/70 (2014.01)

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